Ignition Edge Hub-and-Spoke

Store-and-Forward

The Ignition Edge Enterprise offers local data buffering functionality at the edge of the network, with unlimited tags. If a network connection between Ignition Edge and the central Ignition server (with EAM installed) is severed, Ignition Edge Enterprise will continue to collect historical data for up to one week. When the connection is restored, Ignition Edge Enterprise will synchronize data back to the central Ignition server to maintain data integrity.

Plant Floor 2

PLC

Ignition Edge Enterprise
With 1-Week Data Buffer

Poll/Response Native Protocol

Plant Floor 1

PLC

Ignition Edge Enterprise
With 1-Week Data Buffer

Store-and-Forward When Connection is Restored

Internet or Wide Area Network

SQL Database

Enterprise Administration Module

Central Ignition Gateway

IT Server Room

Healthy Connection

In Case of Connection Failure

Ignition
by inductive automation